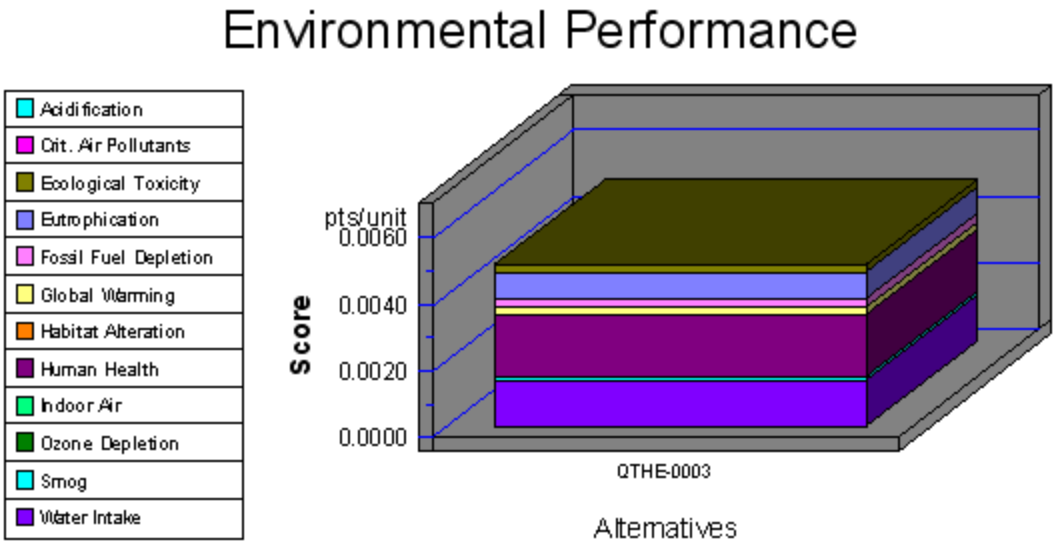
BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003



Note: Lower values are better

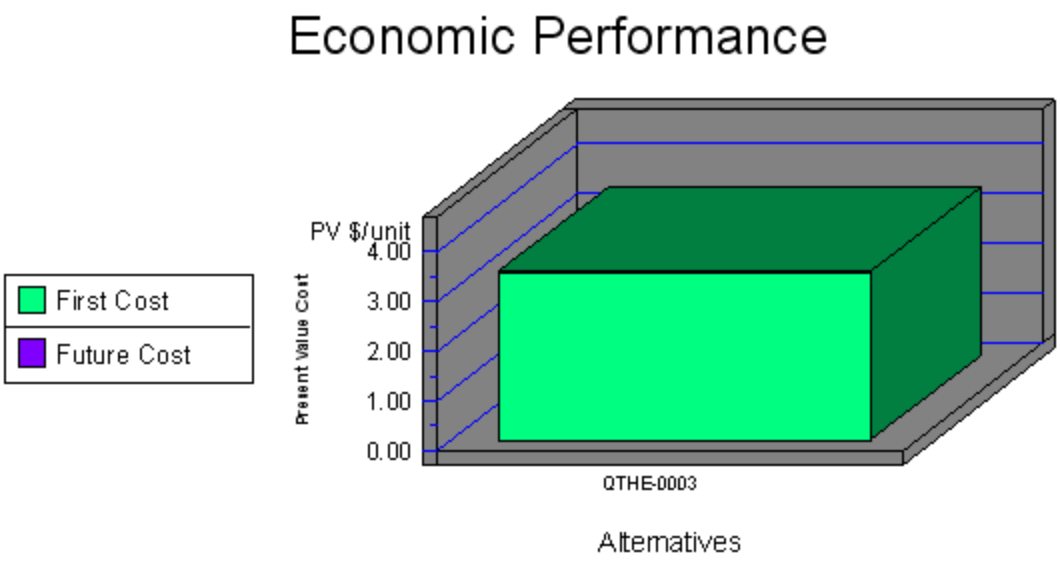
Category	QTHE-0003
Acidification--3%	0.0000
Crit. Air Pollutants--9%	0.0000
Ecolog. Toxicity--7%	0.0002
Eutrophication--6%	0.0008
Fossil Fuel Depl.--10%	0.0003
Global Warming--29%	0.0002
Habitat Alteration--6%	0.0000
Human Health--13%	0.0019
Indoor Air--3%	0.0000
Ozone Depletion--2%	0.0000
Smog--4%	0.0001
Water Intake--8%	0.0014
Sum	0.0049

BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003

Waste Water Systems Coatings		
Impacts	Units	QTHE-0003
Acidification	millimoles H^+ equivalents	2.58E+02
Criteria Air Polutants	microDALYs	5.72E-02
Ecotoxicity	g 2,4-D equivalents	2.33E+00
Eutrophication	g N equivalents	2.71E+00
Fossil Fuel Depletion	MJ surplus energy	9.16E-01
Global Warming	g CO_2 equivalents	1.32E+02
Habitat Alteration	T&E count	1.71E-12
Human Health--Cancer	g C_6H_6 equivalents	1.21E+00
Human Health--NonCancer	g C_7H_8 equivalents	1.56E+03
Indoor Air Quality	g TVOCs	0.00E+00
Ozone Depletion	g CFC-11 equivalents	9.15E-08
Smog	g NO_x equivalents	2.04E+00
Water Intake	liters of water	9.03E+01
Functional Unit	----------	1 sq. ft. coverage

1 Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count;Human Health-Cancer: grams of benzene equivalents; Human Health-NonCancer: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.

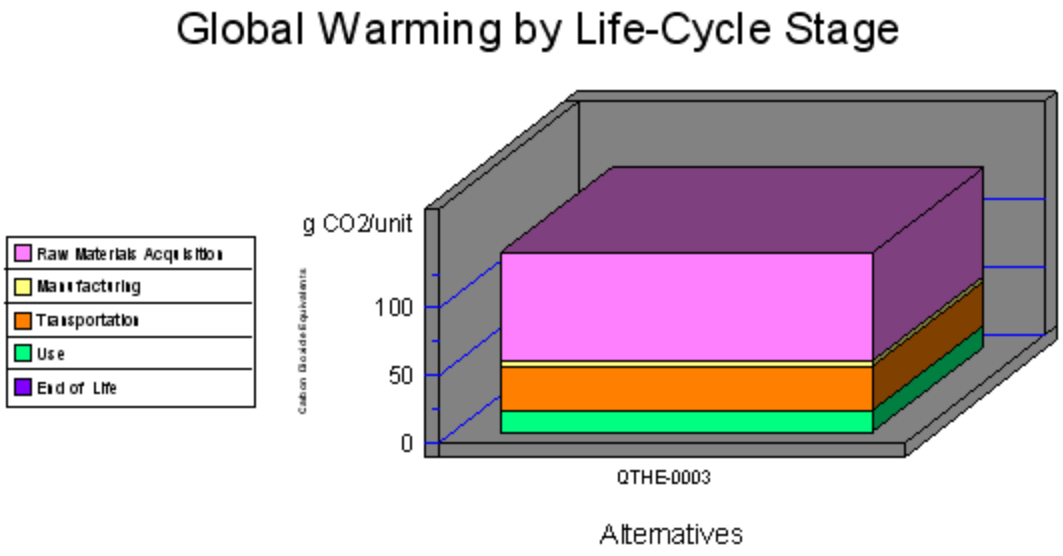
BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003



Category	QTHE-0003
First Cost	3.40
Future Cost– 3.0%	0.00
Sum	3.40

*This is a consumable product. Therefore, future costs are not calculated.

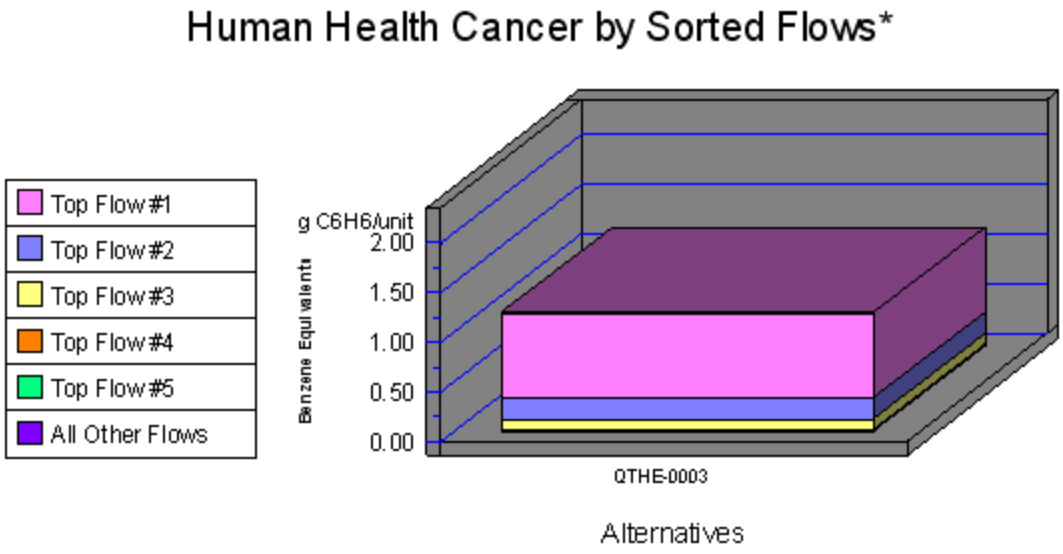
BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003



Note: Lower values are better

Category	QTHE-0003
1. Raw Materials	79
2. Manufacturing	4
3. Transportation	32
4. Use	17
5. End of Life	0
Sum	132

BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003



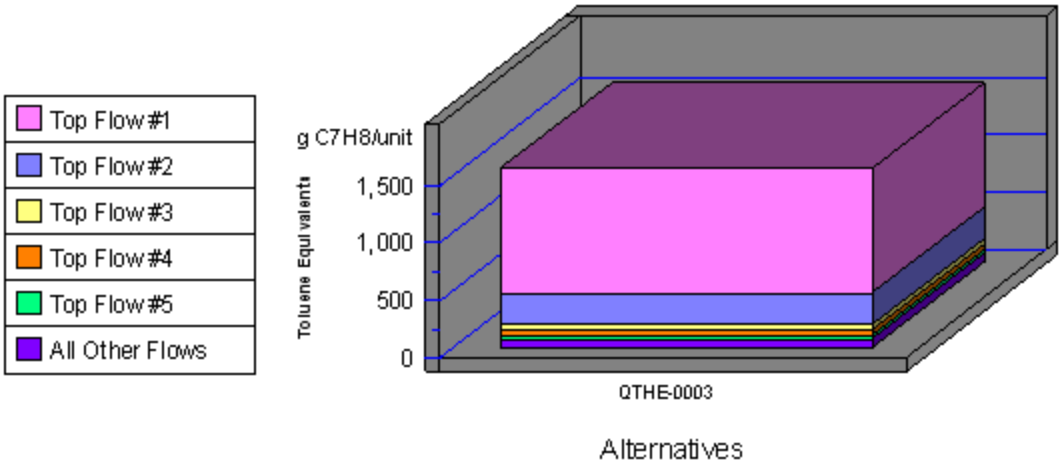
Note: Lower values are better

Category	QTHE-0003
Cancer--(a) Dioxins (unspecifie	0.85
Cancer--(w) Arsenic (As3+,	0.22
Cancer--(w) Phenol (C6H5OH)	0.10
Cancer--(a) Arsenic (As)	0.02
Cancer--(a) Benzene (C6H6)	0.00
All Others	0.00
Sum	1.21

*Sorted by five topmost flows for worst-scoring product

BEES Results: Waste Water Systems Coatings **Functional Units:** 1 sq. ft. coverage
BioPreferred ID# QTHE-0003

Human Health Noncancer by Sorted Flows*



Note: Lower values are better

Category	QTHE-0003
Noncancer--(a) Dioxins (unspeci	1,076.86
Noncancer–(a) Mercury (Hg)	277.41
Noncancer–(w) Mercury (Hg+,	49.63
Noncancer--(w) Barium (Ba++)	41.97
Noncancer–(w) Lead (Pb++,	33.11
All Others	83.18
Sum	1,562.17

*Sorted by five topmost flows for worst-scoring product